

Application No. 10/643,682  
Response to Office Action

Customer No. 01933

Amendments to the Abstract:

Please replace the Abstract of the Disclosure with the following amended Abstract of the Disclosure::

ABSTRACT OF THE DISCLOSURE

A chemical treatment ~~apparatus of this invention is an~~  
~~apparatus method~~ by which a ~~chromium metal~~ film formed on a  
material to be subjected to film formation is etched into a  
predetermined pattern. ~~This apparatus~~ The method includes a  
cathode electrolysis reduction ~~device for step comprising~~  
performing an electrolysis reduction treatment for ~~[[the]]~~  
~~chromium a metal~~ film as a cathode by using ~~[[a]] one of an~~  
acidic reduction treatment solution containing ~~chloride ions[[,]]~~  
and an acid dip ~~device for dipping the chromium film into an~~  
acidic radical and an alkaline reduction treatment solution ~~after~~  
~~the electrolysis reduction treatment is performed by the cathode~~  
~~electrolysis reduction device, and an etching step.~~